

# ***World Economic Indicator Project***

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# ***BUSINESS PROBLEM***

- **Which factors a country should focus on to sustain GDP/Capita?**

# SOLUTION

- Performing Data Analysis to find how a country can attain *sustainable* growth.
- These are the features used to perform analysis - Region, Country/Region, Year, GDP, Health Exp % GDP, Health Exp/Capita, Lending Interest, Energy Usage, CO2 Emissions, Birth Rate, Population Total, Tourism Inbound, Tourism Outbound.

# ***EXECUTIVE SUMMARY***

**According to analysis it can be concluded that there is strong positive correlation between GDP and some factors like:**

- As GDP increases Energy Usage increases.
- As GDP increases CO2 Emissions increases.
- As GDP increases Health Exp/Capita increases.
- As GDP increases Tourism Inbound increases.
- As GDP increases Tourism Outbound increases.

**There are some negatively correlation between GDP and some factors like:**

- As Birth Rate increases GDP will decreases.
- As Lending Interest increases GDP will decreases.

- **According to country/region the highest GDP calculated was \$13,307,692,307,692.30 of United States-The Americas.**

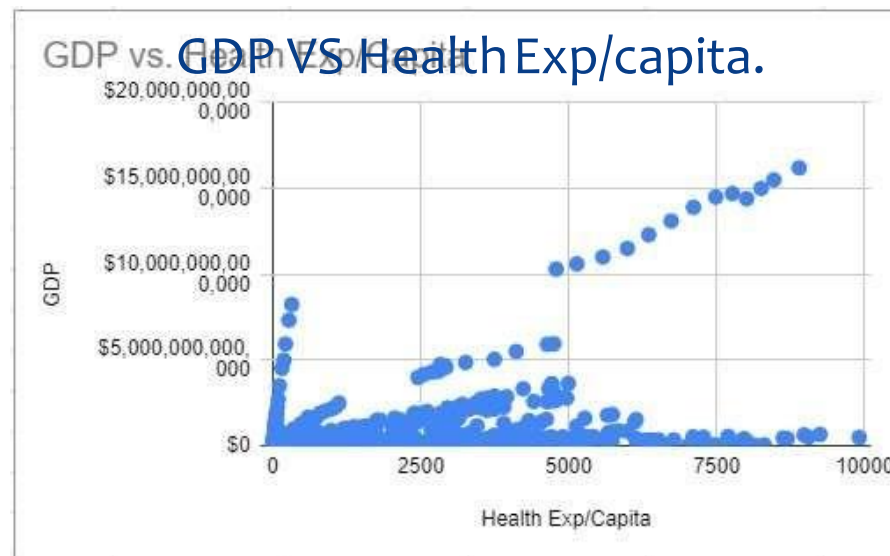
# ***EXECUTIVE SUMMARY***

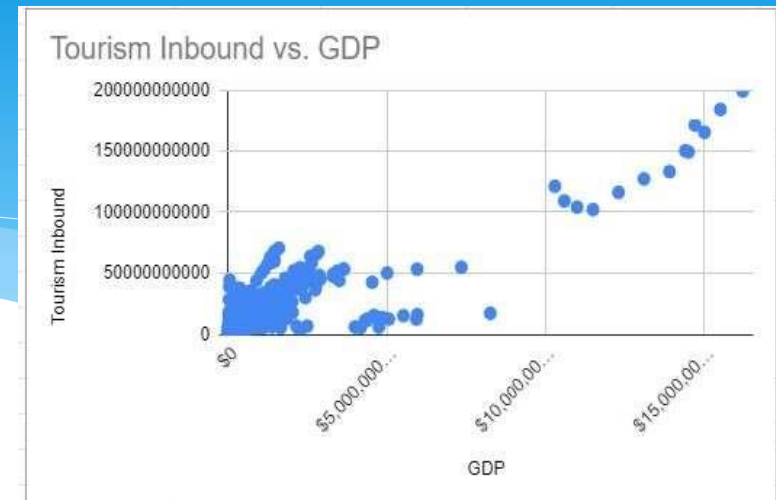
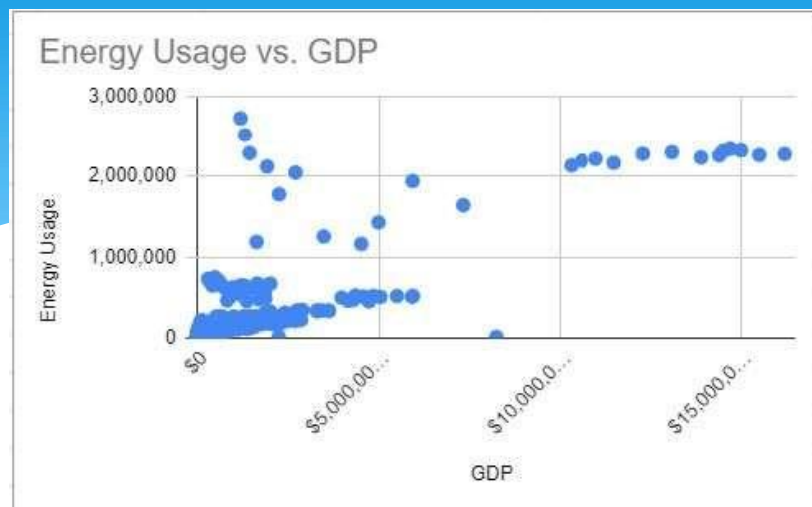
**The main factors that a country should focus on to sustain the GDP are.**

- Health Exp/Capita
- Energy Usage
- CO2 Emissions
- Tourism Inbound
- Tourism Outbound

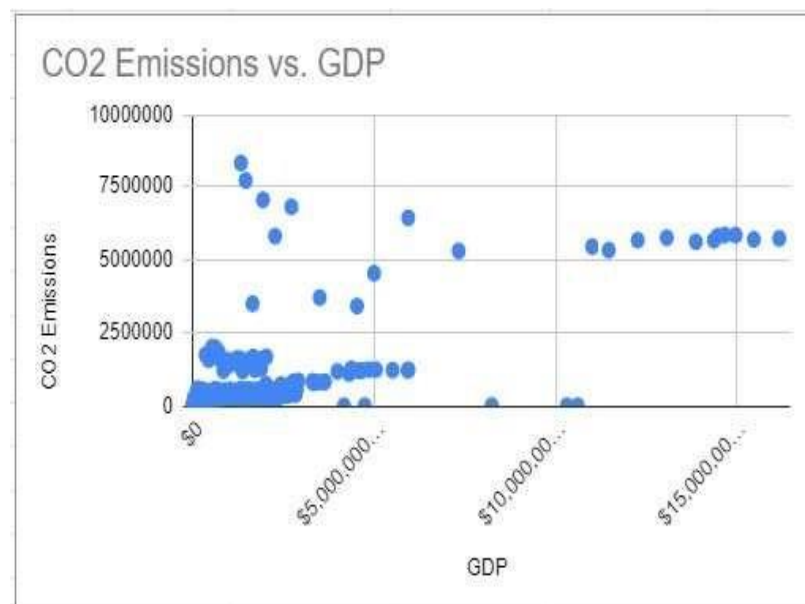
# *ANNEXURE*

**Country focus on to sustain their GDP Growth.**

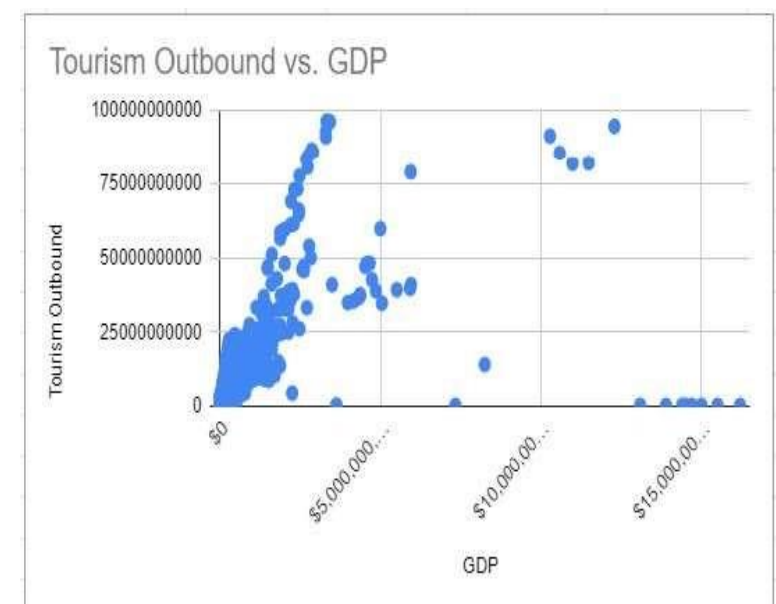




GDP VS CO2 Emission.



GDP VS Tourism Outbound.



***Highest GDP average according to region was the America.***

Region	SUM of GDP	AVERAGE of GDP
Africa	\$21,709,417,491,192	\$31,508,588,521
Asia	\$166,387,335,225,477	\$376,441,934,899
Europe	\$215,716,470,780,489	\$345,699,472,405
Middle East	\$19,932,225,326,626	\$117,942,161,696
Oceania	\$15,774,149,771,154	\$80,893,075,750
The Americas	\$253,302,648,323,023	\$442,836,797,768
<b>Grand Total</b>	<b>\$692,822,246,917,959</b>	<b>\$257,459,028,955</b>

Correlation factor with GDP	
Health Exp/capita	0.447230495
Tourism Outbound	0.5352315661
Tourism Inbound	0.8725898833
Population Total	0.378307017
Energy Usage	0.8282045155
Co2 Emission	0.7426412079
Birth Rate	-0.1870540281
Lending Interest	-0.09042485236